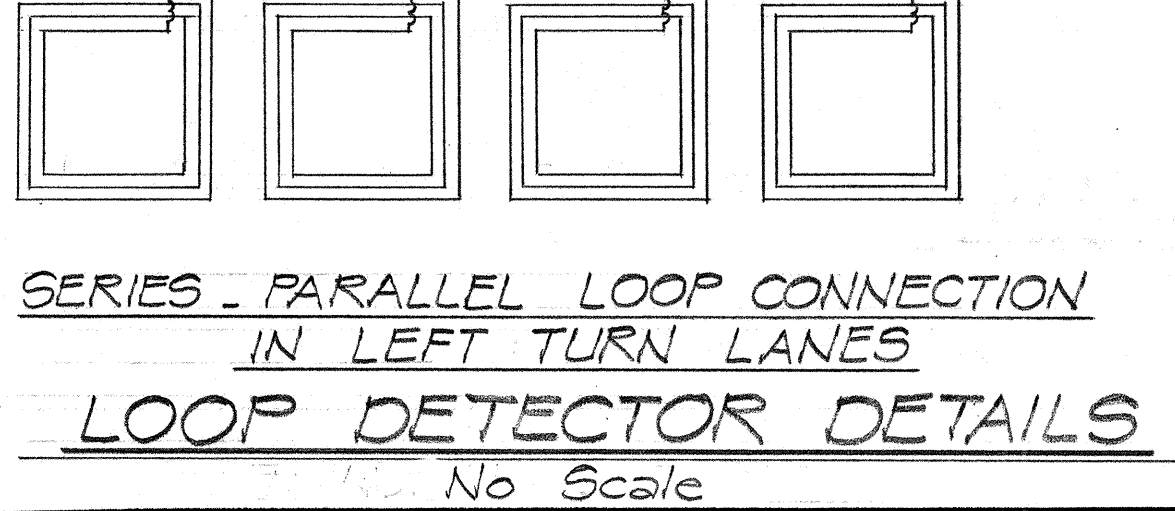
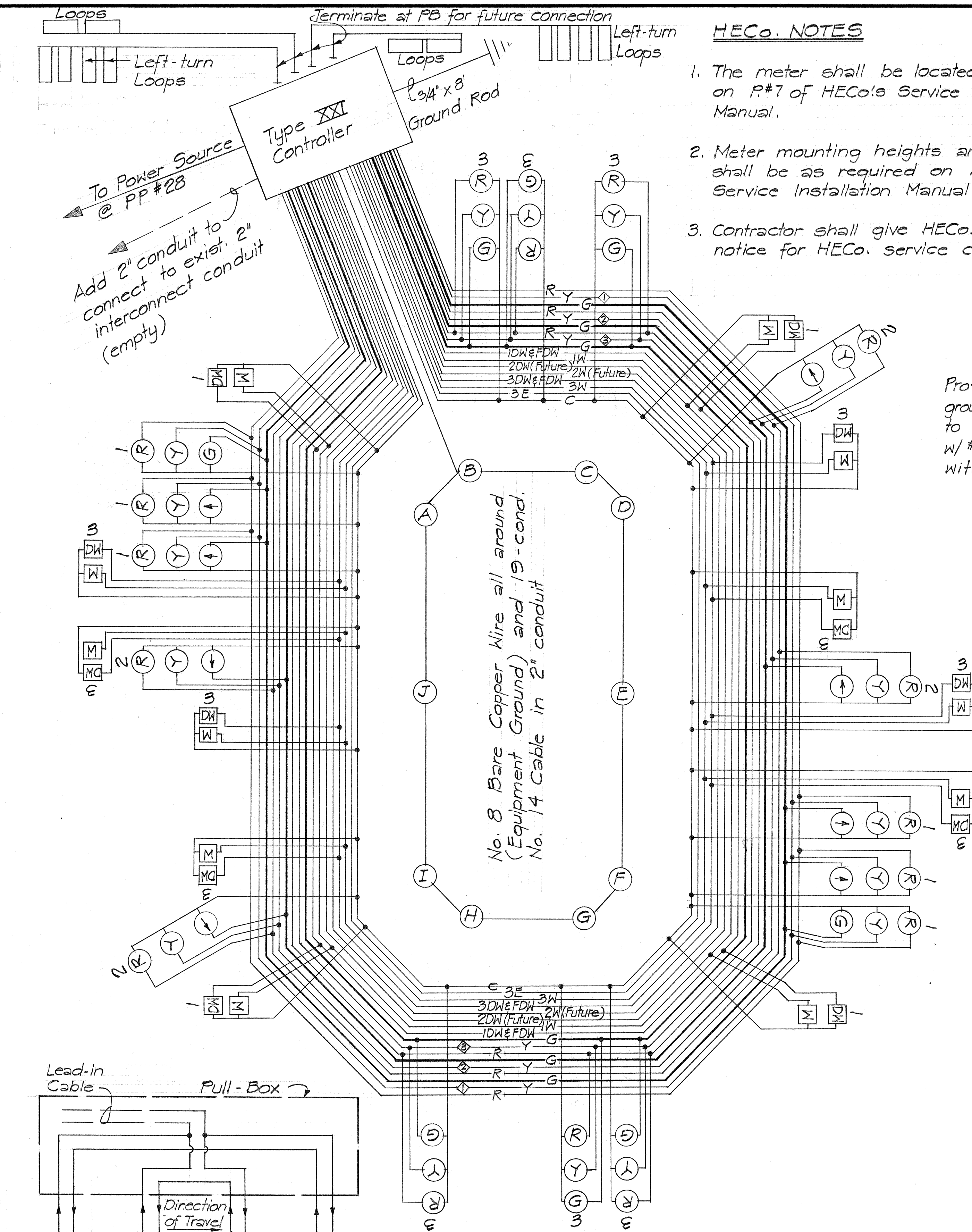


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	EH5-T-900(10)	1972	3	6

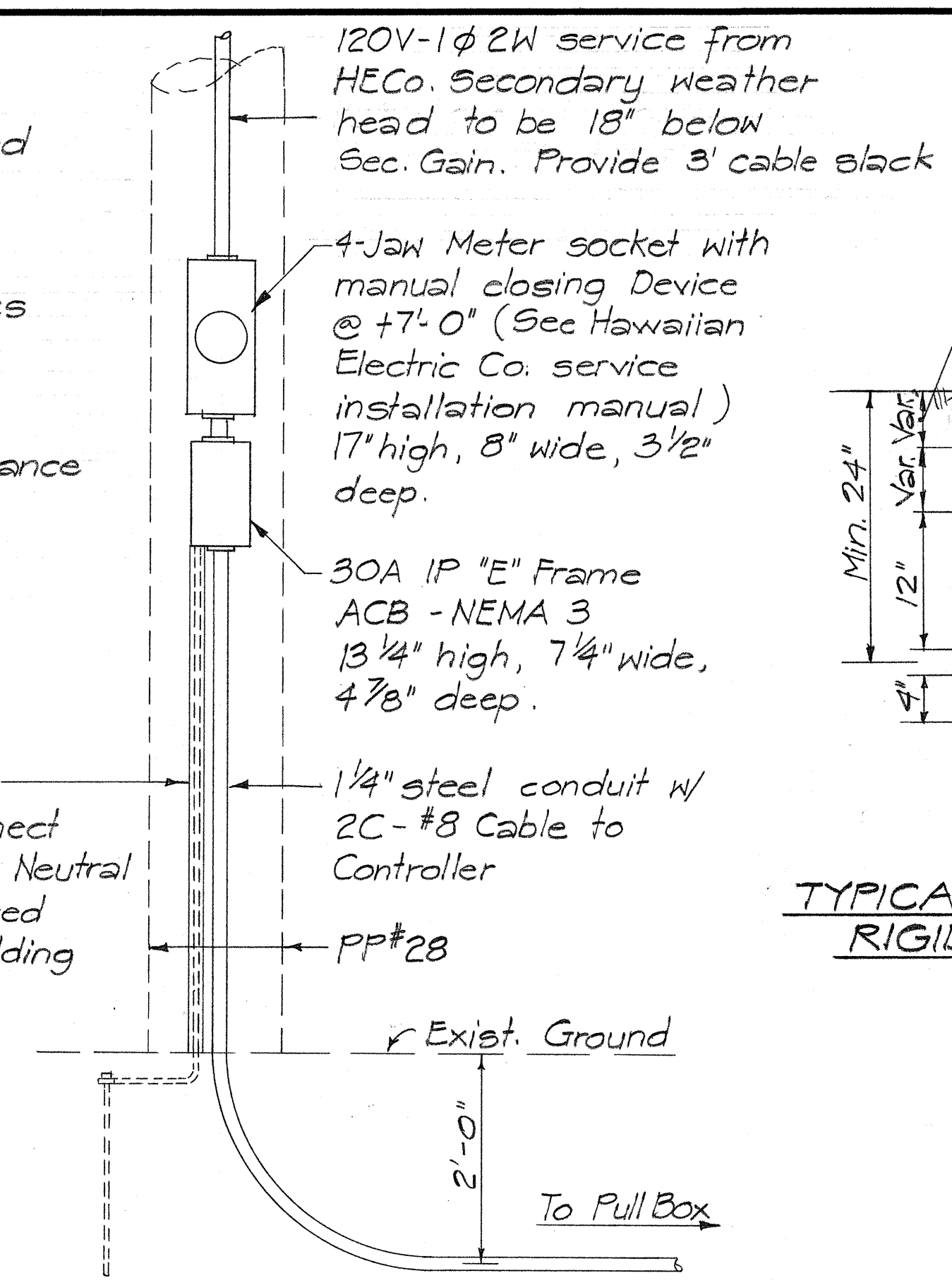


WIRING DIAGRAM
No Scale

HECO. NOTES

1. The meter shall be located as specified on P#7 of HECO's Service Installation Manual.
2. Meter mounting heights and clearances shall be as required on P#55 of the Service Installation Manual.
3. Contractor shall give HECO. 1 week advance notice for HECO. service connection.

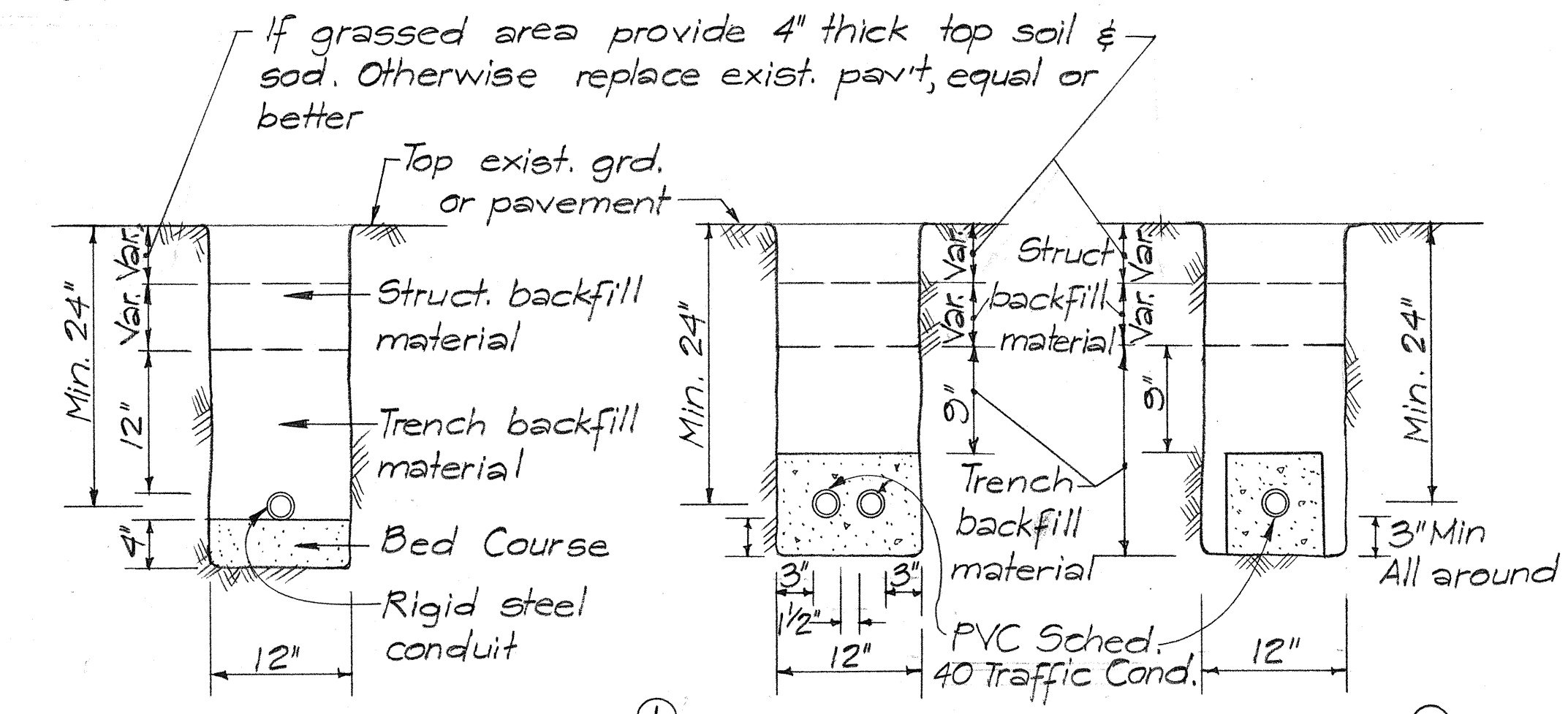
Provide 5/8" x 8' ground rod connect to Enclosures & Neutral w/ #6 wire covered with wood moulding



TYPICAL SERVICE AND METERING AT PP # 28
Scale 3/4" = 1'-0"

GENERAL WATER NOTES

1. Unless otherwise specified, all materials and construction of water system facilities and appurtenances shall be in accordance with the Standard Specifications for Road and Bridge Construction, dated 1969, as amended, of the Hawaii Highway Division, Department of Transportation.
2. Prior to excavating for new drain, sewer and other utility lines, the Contractor shall verify in the field the location of existing water mains and appurtenances. Where the installation of new drain, sewer or other utility lines are to cross over or under existing water mains, the Contractor shall expose the existing water mains prior to trenching. Excavation around water mains shall be done by hand.
3. Items indicated as "relocate" on the Plans shall be removed, cleaned, painted and reinstalled at the new location by the Contractor unless otherwise specified.
4. Asterisk(*) indicates work to be performed by Board of Water Supply. Materials to be furnished by the Contractor unless specified as "relocate"
5. The minimum clearance between fire hydrants and utility poles or light standards shall be 3.0 feet.

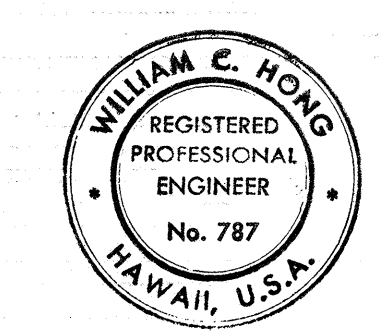


TYPICAL TRENCH SECTION 1 RIGID STEEL CONDUIT
Scale 1" = 1'-0"

TYPICAL TRENCH SECTION 2 SINGLE & DOUBLE CONCRETE ENCASED PVC SCHEDULE 40 TRAFFIC CONDUITS
Scale 1" = 1'-0"

- NOTE 1:**
Install 2-2" rigid steel conduits between all signal standards & Pull Boxes unless otherwise called for. Conduits between Controller mounting and Controller Pull-Box shall be 2-2" and 1-1 1/4", rigid steel.
- NOTE 2:**
Except as called for on the Plans, all traffic signal buried conduits shall be PVC, Schedule 40, concrete encased.

6. The Contractor shall notify the Board of Water Supply in writing one week prior to commencing work on the main.
7. Approval by the Board of Water Supply is based solely on the adequacy of the water supply and to assure that the adjustments to the water system are in conformance with the requirements of the Board of Water Supply Standards. Discrepancies, if any, of alignments, grades, fittings, etc. shall be the responsibility of the Engineer who prepared the Plans.
8. The existence and location of underground utilities and structures as shown on the Plans are from the latest available data but is not guaranteed as to the accuracy or the encountering of other obstacles during the course of the work. The Contractor shall be responsible and shall pay for all damages to existing utilities.



APPROVED
R. Nagato
for Assistant Chief Engineer, BWS
4-19-72
Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SIGNALS
VINEYARD BOULEVARD AT
AALA STREET
PROJECT No. EH5-T-900(10)
MISCELLANEOUS DETAILS
Scale: As shown Date: June 9, 1972
SHEET No. 1 OF 1 SHEETS

DATE
SURVEY PLOTTED BY
TRACED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY
ORIGINAL PLAN
NOTE BOOK